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Application No. <u>09/018235</u>	Prepared by <u>T. McGILL</u>	Tracking Number <u>6007917</u>	
Examiner-GAU <u>Achutamurthy -</u>	Date <u>9-27-04</u>	Week Date <u>9-6-04</u>	
<u>1052</u>	No. of queries <u>2</u>	IFW	

JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

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- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

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② Patent claim 12 (original claim 14) depends on canceled claim 6. (See NOA dated 8-24-04)

CLAIMS

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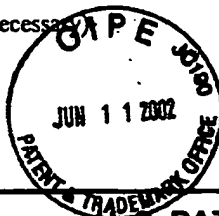
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/618,235
Confirmation Number	8554
Filing Date	7/18/2000
First Named Inventor	D N. Rubingh
Group Art Unit	1652
Examiner Name	W. W. Moore
Attorney Docket Number	7670

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U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	U.S. PATENT DOCUMENT Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	01	5,766,898	A	Loeburg	06/16/1998	
	02	5,972,339	A	Walker	10/26/1999	
	03	5,985,264	A	Metzger et al.	11/16/1999	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Office ³ Number ²	Kind Code ⁴ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁵
	04	EP 0 130 756	A1	Genetech, Inc.	01/09/1985		
	05	EP 0 260 105	B1	Genencor, Inc.	03/16/1988		
	06	EP 0 398 539	B1	Amgen Inc.	11/22/1990		
	07	WO 87/05050	A1	Genex Corp.	08/27/1987		
	08	WO 88/07578	A1	Genentech, Inc.	10/06/1988		
	09	WO 88/08028	A1	Genex Corp.	10/20/1988		
	10	WO 88/08164	A1	Genex Corp.	10/20/1988		
	11	WO 93/25667	A1	Scripps Research	12/23/1993		
	12	WO 95/07991	A2	Procter & Gamble	03/23/1995		
	13	WO 95/20039	A2	Carlsberg A/S	07/27/1995		
	14	WO 99/33868	A2	Smith Kline Beech.	07/08/1999		
	15	WO 99/40936	A2	Amer. Cyanamid	08/19/1999		
	16	WO 99/41369	A2	Maxygen, Inc.	08/19/1999		
	17	WO 99/42097	A1	Dovetail Tech., Inc.	08/26/1999		
	18	WO 99/44635	A1	Med. College of OH	09/10/1999		
	19	WO 99/45904	A1	Allergenic Inc.	09/16/1999		
	20	WO 00/09707	A1	Genencor Int'l, Inc.	02/24/2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁵
	21	Atassi, M.Z., et al., "Structure, Activity, and Immune (T and B Cell) Recognition of Botulinum Neurotoxins", <i>Critical Reviews In Immunology</i> , Vol. 19, pp. 219-260 (1999)	
	22	Blaser, K., "Allergen Dose Dependent Cytokine Production Regulates Specific IgE and IgG Antibody Production", <i>New Horizons in Allergy Immunotherapy</i> , Schon et al. (Ed.) Plenum Press, N.Y. (1996)	
	23	Cui, J., et al., "Inhibition of T Helper Cell Type 2 Cell Differentiation and Immunoglobulin E Response by Ligand-activated Vα14 Natural Killer T Cells", <i>J. Exp. Med.</i> , Vol. 190, No. 6, pp. 783-792, (9/20/1999)	
	24	Demi, L., et al., "Immunostimulatory CpG Motifs Trigger a T Helper-1 Immune Response to Human Immunodeficiency Virus Type-1 (HIV-1) gp 160 Envelope Proteins", <i>Clin Chem Lab Med</i> , Vol. 37, No. 3, pp. 199-204 (1999)	
	25	Ferru, I., et al., "Comparison of the Immune Response Elicited by a Free Peptide and a Lipopeptide Construct", <i>Peptide Research</i> , Vol. 9, No. 3, pp. 136-143 (1996)	
	26	Haack, T., et al., "D-Amino Acids in Protein De Novo Design. II. Protein-diastereomerism Versus Protein-enantiomerism", <i>Letters In Peptide Science</i> , Vol. 4, pp. 377-386 (1997)	

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Attorney Docket Number	7670

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	27	Herve, M., et al., "On the Immunogenic Properties of Retro-Inverso Peptides. Total Retro-Inversion of T-Cell Epitopes Causes a Loss of Binding to MHC II Molecules", <i>Molecular Immunology</i> , Vol. 34, No. 2, pp. 157-163 (1997)	
	28	Hoynes, G. F., et al., "Peptide-Mediated Regulation of the Allergic Immune Response", <i>Immunology and Cell Biology</i> , Vol. 74, pp. 180-186 (1996)	
	29	Ikagawa, S., MD., et al., "Single Amino Acid Substitutions on a Japanese Cedar Pollen Allergen (Cry j 1)-derived Peptide Induced Alterations in Human T Cell Responses and T Cell Receptor Antagonism", <i>J. Allergy Clin. Immunol.</i> , Vol. 97, No. 1, Part 1, pp. 53-64 (Jan 1996)	
	30	Lofthouse, S. A., et al., "Induction of T ₂ (cytotoxic lymphocyte) and/or T ₁ (antibody) Responses to a Mucin-1 tumour Antigen", <i>Vaccine</i> , Vol. 15, No. 14, pp. 1586-1593 (1997)	
	31	Maille, B., et al., "Probing Immunogenicity of a T-Cell Epitope by L-Alanine and D-Amino Acid Scanning", <i>Molecular Immunology</i> , Vol. 32, No. 14/15, pp. 1073-1080 (1995)	
	32	McKee, H. J., et al., "T Cell Cytokine Responses to Cartilage Aggrecan in BALB/c Mice", <i>Biochemical Society Transactions</i> , Vol. 25, p 311S (1997)	
	33	Moore, A., et al., "The Adjuvant Combination Monophosphoryl Lipid A and QS21 Switches T Cell Responses Induced With a Soluble Recombinant HIV Protein from Th2 and Th1", <i>Vaccine</i> , Vol. 17, pp. 2517-2527 (1999)	
	34	Rosenthal, K. S., et al., "Immunization with a LEAPS™ Heteroconjugate Containing a CTL Epitope and a Peptide from Beta-2-microglobulin Elicits a Protective and DTH Response to Herpes Simplex Virus Type 1", <i>Vaccine</i> , Vol. 17, pp. 535-542 (1999)	
	35	Sinha, P., et al., "A Minimized Fc Binding Peptide from Protein A Induces Immunocyte Proliferation and Evokes Th1-Type Response in Mice", <i>Biochemical and Biophysical Research Communications</i> , Vol. 258, pp. 141-147 (1999)	
	36	Specht, C., et al., "The Murine (H-2 ^k) T-Cell Epitopes of Bee Venom Phospholipase A ₂ Lie Outside the Active Site of the Enzyme", <i>Int Arch Allergy Immunol</i> , Vol. 112, pp. 226-230 (1997)	
	37	Wiedermann, U., et al., "Effects of Adjuvants on the Immune Response to Allergens in a Murine Model of Allergen Inhalation: Cholera Toxin Induces a Th1-like Response to Bet V 1, the Major Birch Pollen Allergen", <i>Clin Exp Immunol</i> , Vol. 111, pp. 144-151 (1998)	
	38	Zimmerman, D. H., et al., "Immunization with Peptide Heteroconjugates Primes a T Helper Cell Type 1-Associated Antibody (IgG2a) Response that Recognizes the Native Epitope on the 38-kDa Protein of <i>Mycobacterium tuberculosis</i> ", <i>Vaccine Research</i> , Vol. 5, No. 2, pp. 103-118 (1996)	
EXAMINER	DATE CONSIDERED		

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